

EAST

(inventor)

BRS L1 26 MAKINO.in. with ITSUO.in. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L2 7 OBUCHI.in. with MAKOTO.in. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L3 188 NAGANO.in. with HIROSHI.in. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L4 25 FUJIMOTO.in. with HIROYASU.in. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L5 4 12 and 13 and 14 and 11 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

(class/subclass)

BRS L6 189 367/112.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L7 107 367/116.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L8 636 700/17.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L9 1964 340/506.ccls. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

(text)

BRS L10 2 high with low with brilliance with alarm US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L11 14 high with low with brightness with alarm US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
 BRS L12 2 high with low with brightness with alarm and depth US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;
 IBM_TDB
 BRS L13 7 high with low with brightness with alarm and depth US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;
 IBM_TDB

(forward & backwards)

BRS L14 27 ("4097836"| "4225949"| "4561064"| "4644511"| "4644512"| "4873676"| "4935906"| "5184330"| "5327398"| "5428341"| "5594707"| "5675552"| "5737246").PN. US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

BRS L15 212 ("2366800"| "2403527"| "2728900"| "2998591"| "3098210"| "3184969"| "3223965"| "3267417"| "3273148"| "3304532"| "3360775"| "3363226"| "3475721"| "3493920"| "3497867"| "3505637"| "3505638"| "3533978"| "3573790"| "3617996"| "3683324"| "3683373"| "3706068"| "3719920"| "3722447"| "3740705"| "3761873"| "3766518"| "3787802"| "3793619"| "3797014"| "3827027"| "3868622"| "3886487"| "3942149"| "3964012"| "4001763"| "4015232"| "4024490"| "4057913"| "4081783"| "4088979"| "4096484"| "4104609"| "4107673"| "4115752"| "4122429"| "4179681"| "4192001"| "4210969"| "4228435"| "4236233"| "4240152"| "4255797"| "4259734"| "4278962"| "4282590"| "4290125"| "4300116"| "4300216"| "4315325"| "4322827"| "4323992"| "4347591"| "4397008"| "4401987"| "4409827"| "4420824"| "4460987"| "4464738"| "4467313"| "4467461"| "4490716"| "4494212"| "4520671"| "4546349"| "4574279"| "4597069"| "4644512"| "4644512"| "4779461"| "4815048"| "4829492"| "4829493"| "4835716"| "4841492"| "4873676"| "4879697"| "4920520"| "4935906"| "5017905"| "5031160"| "5065371"| "5142502"| "5142505"| "5168473"| "5184330"| "5189394"| "5189646"| "5224059"| "5227763"| "5303204"| "5327398"| "5570688").PN. OR ("4097836"| "4225949"| "4561064"| "4644511"| "4644512"| "4873676"| "4935906"| "5184330"| "5327398"| "5428341"| "5594707"| "5675552"| "5737246").URPN. US-PGPUB; USPAT; USOCR
 BRS L16 25 ("3273148"| "4088979"| "4873676"| "4879697").PN. OR ("5184330").URPN. US-PGPUB; USPAT; USOCR
 BRS L17 6 ("5017905"| "5189394"| "5227763").PN. OR ("5428341").URPN. US-PGPUB; USPAT; USOCR

(interference)

BRS L18 2 (high and low and brilliance and alarm).clm. US-PGPUB; USPAT; USOCR
 BRS L19 16 (high and low and brightness and alarm).clm. US-PGPUB; USPAT; USOCR